L Number	Hits	Search Text	DB	Time stamp
1	859	(MAC or message adj2 authentication adj2 code) and (713/$.ccls. or 380/$.ccls.)	USPAT; EPO; JPO; DERWENT	2004/08/11 13:10
2	20912	MAC or message adj2 authentication adj2 code	USPAT; EPO; JPO; DERWENT	2004/08/11 13:10
3	988	extension adj3 code	USPAT; EPO; JPO; DERWENT	2004/08/11 13:10
4	70329	data near3 manag$6	USPAT; EPO; JPO; DERWENT	2004/08/11 13:11
5	11468	705/$.ccls.	USPAT; EPO; JPO; DERWENT	2004/08/11 13:11
6	338	705/$.ccls. and (MAC or message adj2 authentication adj2 code)	USPAT; EPO; JPO; DERWENT	2004/08/11 13:11
7	1506641	secret near2 code or key or password or PIN	USPAT; EPO; JPO; DERWENT	2004/08/11 13:12
8	6300	(MAC or message adj2 authentication adj2 code) and (secret near2 code or key or password or PIN)	USPAT; EPO; JPO; DERWENT	2004/08/11 13:12
9	1294	((MAC or message adj2 authentication adj2 code) and (secret near2 code or key or password or PIN)) and tag	USPAT; EPO; JPO; DERWENT	2004/08/11 13:13
10	9385	(mesage or file or application or data) near4 authenticat$4	USPAT; EPO; JPO; DERWENT	2004/08/11 13:13
11	17030	certificate or x.509	USPAT; EPO; JPO; DERWENT	2004/08/11 13:14
12	1161	((mesage or file or application or data) near4 authenticat$4) and (certificate or x.509)	USPAT; EPO; JPO; DERWENT	2004/08/11 13:14
13	209	MAC and (((mesage or file or application or data) near4 authenticat$4) and (certificate or x.509))	USPAT; EPO; JPO; DERWENT	2004/08/11 13:20
14	3061	713/156.ccls. or 713/160.ccls. or 713/165.ccls. or 713/167-170.ccls. or 713/176.ccls. or 713/181.ccls. or 713/189.ccls. or 713/200.ccls.	USPAT; EPO; JPO; DERWENT	2004/08/11 13:21
15	747	380/277.ccls. or 705/50-51.ccls.	USPAT; EPO; JPO; DERWENT	2004/08/11 13:21
16	3574	(713/156.ccls. or 713/160.ccls. or 713/165.ccls. or 713/167-170.ccls. or 713/176.ccls. or 713/181.ccls. or 713/189.ccls. or 713/200.ccls.) or (380/277.ccls. or 705/50-51.ccls.)	USPAT; EPO; JPO; DERWENT	2004/08/11 13:21
17	761	((713/156.ccls. or 713/160.ccls. or 713/165.ccls. or 713/167-170.ccls. or 713/176.ccls. or 713/181.ccls. or 713/189.ccls. or 713/200.ccls.) or (380/277.ccls. or 705/50-51.ccls.)) and (certificate or x.509)	USPAT; EPO; JPO; DERWENT	2004/08/11 13:22
18	865	((713/156.ccls. or 713/160.ccls. or 713/165.ccls. or 713/167-170.ccls. or 713/176.ccls. or 713/181.ccls. or 713/189.ccls. or 713/200.ccls.) or (380/277.ccls. or 705/50-51.ccls.)) and ((mesage or file or application or data) near4 authenticat$4)	USPAT; EPO; JPO; DERWENT	2004/08/11 13:22

19	157	(((713/156.ccls. or 713/160.ccls. or 713/165.ccls. or 713/167-170.ccls. or 713/176.ccls. or 713/181.ccls. or 713/189.ccls. or 713/200.ccls.) or (380/277.ccls. or 705/50-51.ccls.)) and ((mesage or file or application or data) near4 authenticat$4)) and (MAC or message adj2 authentication adj2 code)	USPAT; EPO; JPO; DERWENT	2004/08/11 13:22
20	321	((713/156.ccls. or 713/160.ccls. or 713/165.ccls. or 713/167-170.ccls. or 713/176.ccls. or 713/181.ccls. or 713/189.ccls. or 713/200.ccls.) or (380/277.ccls. or 705/50-51.ccls.)) and (MAC or message adj2 authentication adj2 code)	USPAT; EPO; JPO; DERWENT	2004/08/11 13:22
21	865	((713/156.ccls. or 713/160.ccls. or 713/165.ccls. or 713/167-170.ccls. or 713/176.ccls. or 713/181.ccls. or 713/189.ccls. or 713/200.ccls.) or (380/277.ccls. or 705/50-51.ccls.)) and ((mesage or file or application or data) near4 authenticat$4)	USPAT; EPO; JPO; DERWENT	2004/08/11 13:22
-	14054	MAC or message adj2 authentication adj2 code	USPAT	2004/08/11 13:10
-	17702	713/$.ccls. or 380/$.ccls.	USPAT	2004/08/11 09:24
-	18	"111" and (713/$.ccls. or 380/$.ccls.)	USPAT	2004/08/11 09:25
-	851	(MAC or message adj2 authentication adj2 code) and (713/$.ccls. or 380/$.ccls.)	USPAT	2004/08/11 13:09
-	2623	ID adj2 code and key	USPAT	2004/08/11 09:25
-	23	((MAC or message adj2 authentication adj2 code) and (713/$.ccls. or 380/$.ccls.)) and (ID adj2 code and key)	USPAT	2004/08/11 09:39
-	5	extension adj2 id near3 code	USPAT	2004/08/11 09:39
-	0	(extension adj2 id near3 code) and (MAC or message adj2 authentication adj2 code)	USPAT	2004/08/11 09:39
-	698	extension adj3 code	USPAT	2004/08/11 13:10
-	44	(extension adj3 code) and (MAC or message adj2 authentication adj2 code)	USPAT	2004/08/11 13:09

```
### Status: Path 1 of [Dialog Information Services via Modem]

### Status: Initializing TCP/IP using (UseTelnetProto 1 ServiceID dialog.com)
Trying 31060000009999...Open

DIALOG INFORMATION SERVICES
PLEASE LOGON:
 ******** HHHHHHHH SSSSSSSS?
### Status: Signing onto Dialog
 ********
ENTER PASSWORD:
 ******** HHHHHHHH SSSSSSSS? ********
Welcome to DIALOG
### Status: Connected


Dialog level 04.11.00D

Last logoff:  29jul04 11:58:59
Logon file405 11aug04 12:24:07
            *** ANNOUNCEMENT ***
                    ***


--File 654 - US published applications from March 15, 2001 to the
present are now online.  Please see HELP NEWS 654 for details.


                    ***
--File 581 - The 2003 annual reload of Population Demographics is
complete. Please see Help News581 for details.


                    ***
--Connect Time joins DialUnits as pricing options on Dialog.
See HELP CONNECT for information.
                    ***
                    ***
--SourceOne patents are now delivered to your email inbox
as PDF replacing TIFF delivery. See HELP SOURCE1 for more
information.
                    ***
--Important Notice to Freelance Authors--
See HELP FREELANCE for more information
                    ***
NEW FILES RELEASED
***BIOSIS Toxicology (File 157)
***IPA Toxicology (File 153)
***MetalBase (File 36)
***AeroBase (File 104)
***TRADEMARKSCAN-Czech Republic (File 680)
***TRADEMARKSCAN-Hungary (File 681)
***TRADEMARKSCAN-Poland  (File 682)
                    ***
UPDATING RESUMED
                    ***
RELOADED
***Toxfile (File 156)
***Medline (Files 154-155)
***Population Demographics -(File 581)
***CLAIMS Citation (Files 220-222)


REMOVED
                    ***
     >>> Enter BEGIN HOMEBASE for Dialog Announcements <<<
     >>>    of new databases, price changes, etc.       <<<
                    ****
* * * *
SYSTEM:HOME
```

```
Cost is in DialUnits
Menu System II: D2 version 1.7.9 term=ASCII
                    *** DIALOG HOMEBASE(SM) Main Menu ***


 Information:
  1.  Announcements (new files, reloads, etc.)
  2.  Database, Rates, & Command Descriptions
  3.  Help in Choosing Databases for Your Topic
  4.  Customer Services (telephone assistance, training, seminars, etc.)
  5.  Product Descriptions


 Connections:
  6.  DIALOG(R) Document Delivery
  7.  Data Star(R)


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     /H = Help            /L = Logoff         /NOMENU = Command Mode



Enter an option number to view information or to connect to an online
 service.  Enter a BEGIN command plus a file number to search a database
(e.g., B1 for ERIC).
?b 2,6,8,34,434,35,62,65,77,99,144,94,233,238,266,98,239,275,621,674,636,256,278

>>>         77 does not exist
>>>         238 does not exist
>>>         278 does not exist
>>>3 of the specified files are not available
        11aug04 12:25:08 User264815 Session D60.1
                $0.00     0.167 DialUnits FileHomeBase
     $0.00   Estimated cost FileHomeBase
     $0.50   TELNET
     $0.50   Estimated cost this search
     $0.50   Estimated total session cost    0.167 DialUnits



SYSTEM:OS  - DIALOG OneSearch
   File    2:INSPEC 1969-2004/Aug W1
           (c) 2004 Institution of Electrical Engineers
*File    2: Alert feature enhanced for multiple files, duplicates
removal, customized scheduling. See HELP ALERT.
   File    6:NTIS 1964-2004/Aug W2
           (c) 2004 NTIS, Intl Cpyrght All Rights Res
   File    8:Ei Compendex(R) 1970-2004/Aug W1
           (c) 2004 Elsevier Eng.  Info. Inc.
   File   34:SciSearch(R) Cited Ref Sci 1990-2004/Aug W1
           (c) 2004 Inst for Sci Info
   File  434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
           (c) 1998 Inst for Sci Info
   File   35:Dissertation Abs Online 1861-2004/May
           (c) 2004 ProQuest Info&Learning
   File   62:SPIN(R) 1975-2004/Jun W2
           (c) 2004 American Institute of Physics
   File   65:Inside Conferences 1993-2004/Aug W2
           (c) 2004 BLDSC all rts. reserv.
   File   99:Wilson Appl. Sci & Tech Abs 1983-2004/Jul
           (c) 2004 The HW Wilson Co.
   File  144:Pascal 1973-2004/Aug W1
           (c) 2004 INIST/CNRS
   File   94:JICST-EPlus 1985-2004/Jul W3
           (c)2004 Japan Science and Tech Corp(JST)
   File  233:Internet & Personal Comp. Abs. 1981-2003/Sep
           (c) 2003 EBSCO Pub.
   File  266:FEDRIP 2004/Jun
           Comp & dist by NTIS, Intl Copyright All Rights Res
   File   98:General Sci Abs/Full-Text 1984-2004/Jul
```

      Set   Items   Description
      ---   -----   -----------
?s message (w) authenticat? (w) code? or MAC
          319500   MESSAGE
           78665   AUTHENTICAT?
         1280172   CODE?
             555   MESSAGE(W)AUTHENTICAT?(W)CODE?
          162325   MAC
      S1   162583   MESSAGE (W) AUTHENTICAT? (W) CODE? OR MAC
?s tag? and code?
          227204   TAG?
         1280172   CODE?
      S2   15867   TAG? AND CODE?
?s key or secret or digital (w) signature?
         1609974   KEY
           73505   SECRET
         1887892   DIGITAL
          203675   SIGNATURE?
           17049   DIGITAL(W)SIGNATURE?
      S3 1675182   KEY OR SECRET OR DIGITAL (W) SIGNATURE?
?s certificate or digital (w) certificate
           55909   CERTIFICATE
         1887892   DIGITAL
           55909   CERTIFICATE
            4660   DIGITAL(W)CERTIFICATE
      S4   55909   CERTIFICATE OR DIGITAL (W) CERTIFICATE
?s (data? or file? or information) (2n) (verif? or authenticat?)
Processed 10 of 20 files ...
Processing
>>>File 621 processing for DATA? stopped at DATAWEBHOUSE
Completed processing all files
         9353175   DATA?
         1086391   FILE?
         7210408   INFORMATION
          762081   VERIF?
           78665   AUTHENTICAT?
      S5   32082   (DATA? OR FILE? OR INFORMATION) (2N) (VERIF? OR
                    AUTHENTICAT?)
?s s5 (s) s3
           32082   S5
         1675182   S3
      S6   2792   S5 (S) S3
?s s6 and s1
            2792   S6
          162583   S1
      S7   66   S6 AND S1
?s s4 and s6
           55909   S4
            2792   S6
      S8   282   S4 AND S6